

FIG. 1 is a block diagram of a network system. The system includes a network 106, which is connected to a client 108A and a server 104. The client 108A is connected to a display device 116, which contains a web browser 112. The web browser 112 displays a border webpage 105A, which contains a content webpage 105B. The server 104 stores a border webpage data file 103A and a content webpage data file 103B. The network 106 is also connected to other clients 108B and 108N.

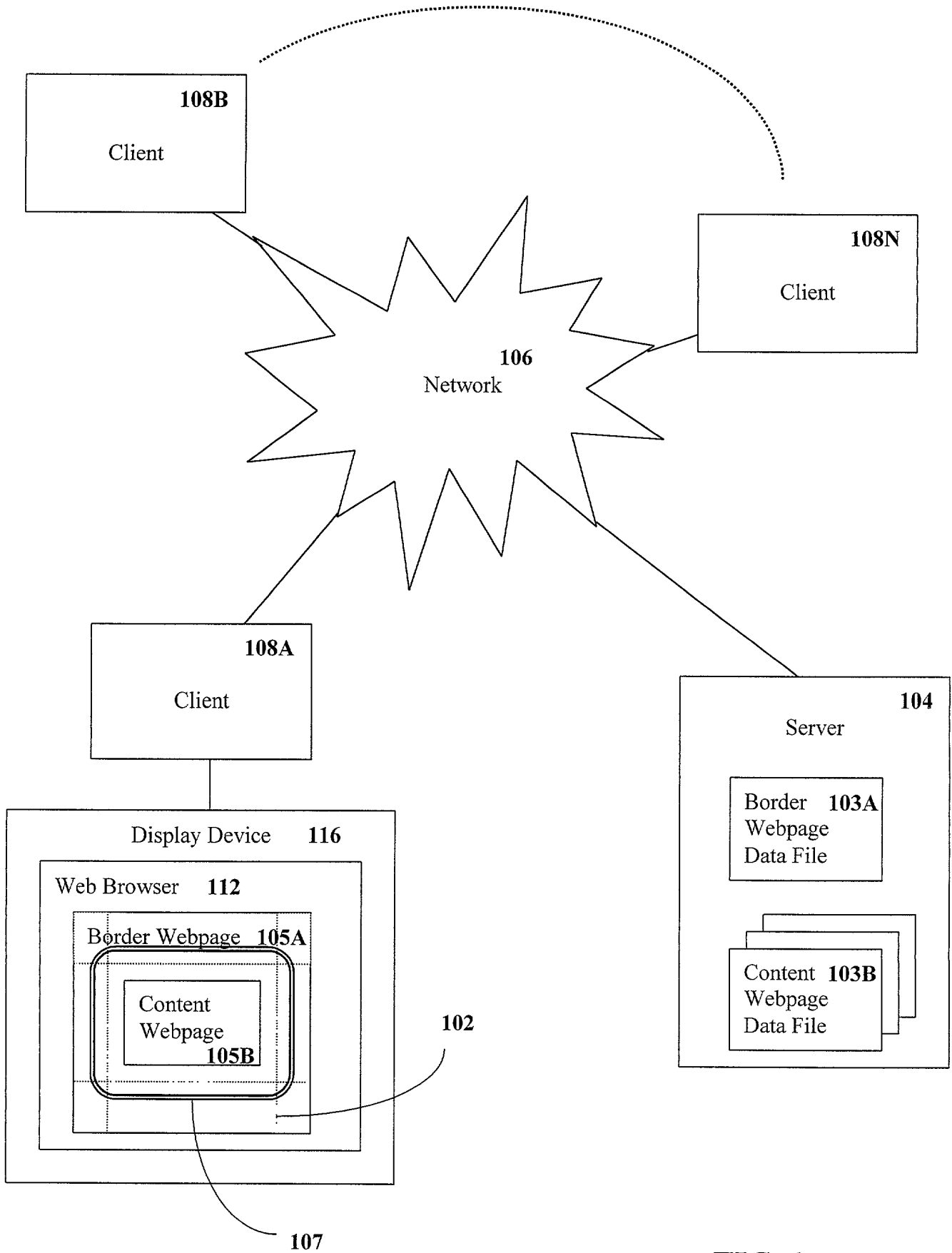


FIG. 1

FIG. 2 is a schematic diagram of a user interface for a data visualization application. The interface includes a menu bar (112) with options: File, Edit, View, Favorites, Tools, and Help. Below the menu bar is a toolbar (201) containing buttons for Back, Forward, Stop, and Refresh. The main display area (202) is divided into a header section (202A) and a content section (202B). The header section (202A) contains a navigation pane (207A) with a tree view showing a hierarchy: Main (selected), City 1, City 2, and City 3. City 1 is expanded, showing Bldg 1, Bldg 2, and Floor 1. The content section (202B) displays a data table (102) with a grid of data points. The table has three columns (Col 1, Col 2, Col 3) and three rows (Row 1, Row 2, Row 3). A large rectangular area (105B) is overlaid on the data table, representing a selected region. The interface also includes a status bar (204) at the bottom, which displays the current view (204A) and the selected region (204B). The status bar is divided into sections (204A, 204B, 204C, 204D, 204E, 204F, 204G, 204H) for different types of information.

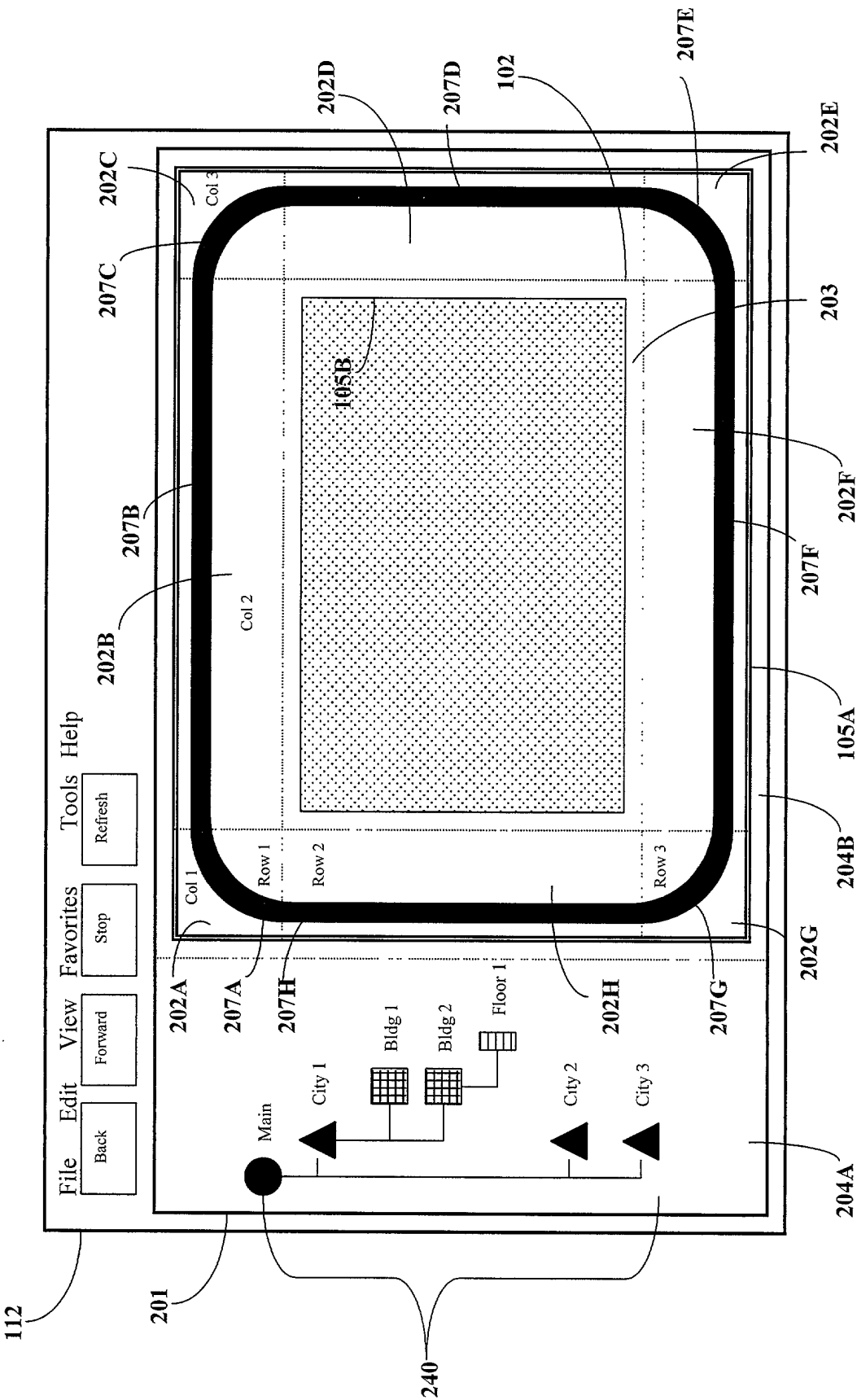


FIG. 2

FIG. 3A is a screenshot of a computer monitor displaying a building management system (BMS) interface. The interface is divided into several sections. At the top, there is a header bar with the text "AUTOMATED LOGIC" and a list of locations: "World Corporation", "Atlanta - R&D Facility", "Basement", "1st Floor", "2nd Floor", "3rd Floor", "1st Floor Lighting", "Electric Meter", "Dallas - Manufacturing", "New York - Headquarters", and "San Francisco - International". Below this header, the main display area is divided into four panels. The top-left panel shows a 3D rendering of a building. The top-right panel shows a line graph of "Electrical Demand" over time. The bottom-left panel shows a floor plan of the building, with the "Third Floor", "Second Floor", "First Floor", and "Basement" labeled. The bottom-right panel shows a weather forecast for "THE WEATHER CHANNEL" for Monday, Tuesday, and Wednesday, including temperature and humidity data. The interface also includes a sidebar on the left with icons for "Home", "Reports", "Events", "Trends", "Graphics", "Controls", "Alarms", and "Help". At the bottom of the screen, there is a status bar with buttons for "GEO", "NET", "GRP", and "CFG".

105B

107

105A

204B

204A

201

240A

240B

240

FIG. 3A

FIG. 3B is a schematic diagram of a computer screen 201 displaying a graphical user interface (GUI) for a building management system. The GUI includes a menu bar 240A at the top, a list of building components 240B, a main display area 240C, and a status bar 240D. The main display area 240C shows a 3D model of a building component 105A, a flow status indicator 107, and a temperature control interface 105B. The status bar 240D displays various system parameters and controls.

105B

105A

204B

204A

201

AUTOMATED LOGIC

- World Corporation
- Allianta - R&D Facility
- Basement
- 1st Floor
- Participating Vendors
- AHU-1
- Main Computer Room
- M001
- Damper Position
- Heating Valve
- 57.5
- Flow Setpoint
- Damper Position
- HWV Valve
- Override Time
- Zone Temp
- Setpoint Adjust
- Fan SIS
- Fan SIS
- High Temp
- Low Temp
- Sales Showroom
- Computer Room
- Lobby
- Cafeteria
- Break Room
- 2nd Floor
- 3rd Floor
- 1st Floor Lighting
- Electric Meter
- Dallas - Manufacturing
- New York - Headquarters
- San Francisco - International

240A

240B

240C

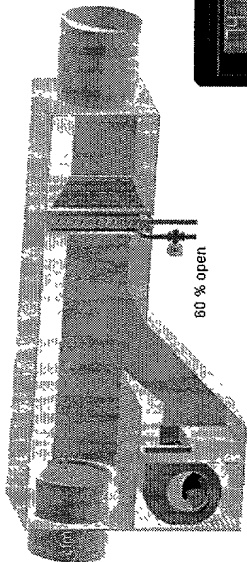
240D

240E

240

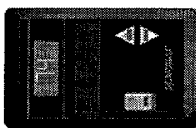
damper position 0 %

Flow Status
actual 0.00 cfm
setpoint 0.00 cfm



Fan s/s On

80 % open



clg setpoint 79.00 °F
hlg setpoint 75.00 °F
setpoint adjusted by +2.00 °F
override time 0.00

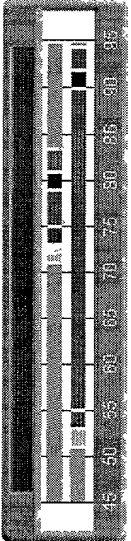


FIG. 3B

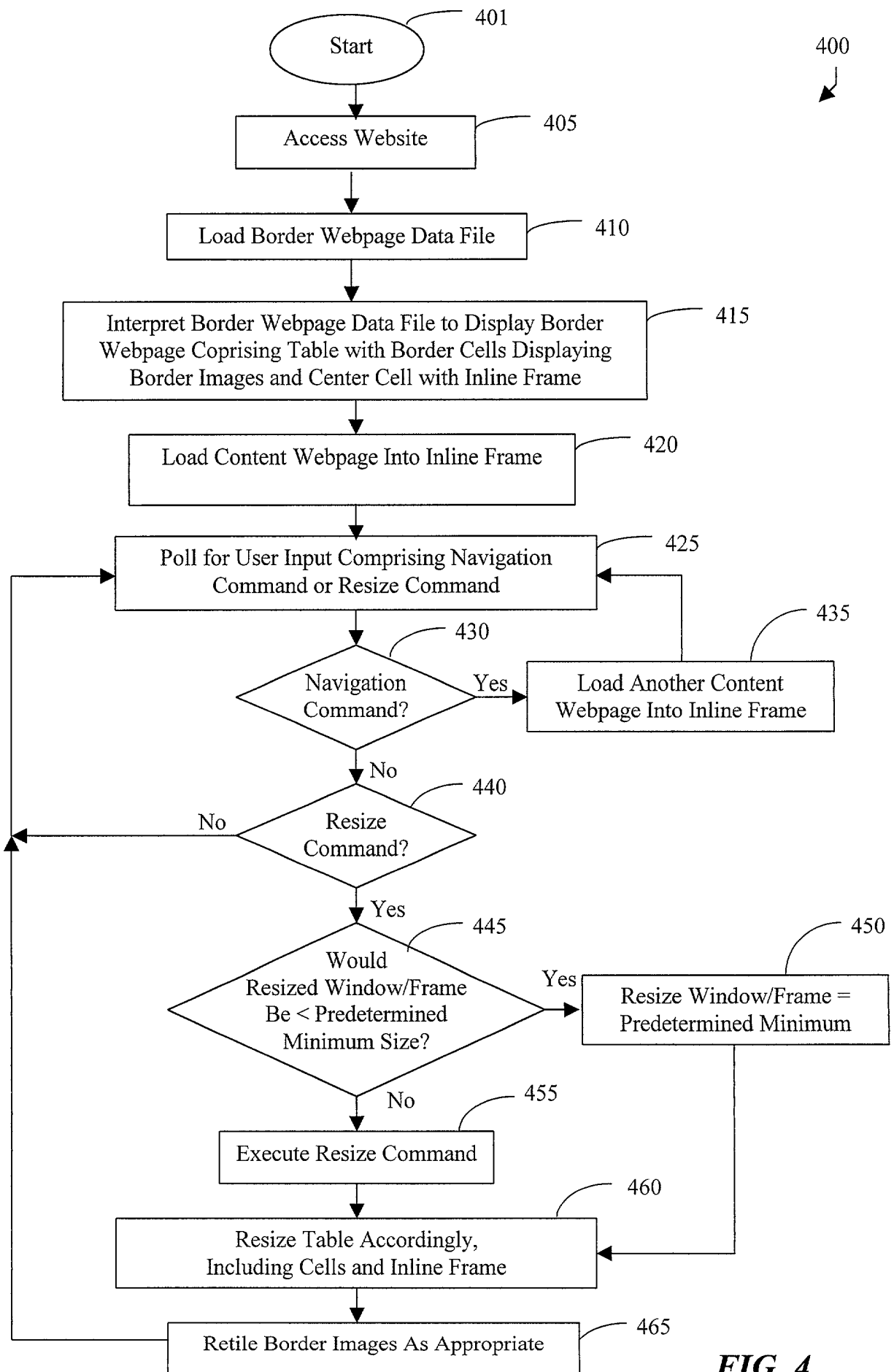


FIG. 4